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(54) Title: LIGHTING SYSTEM

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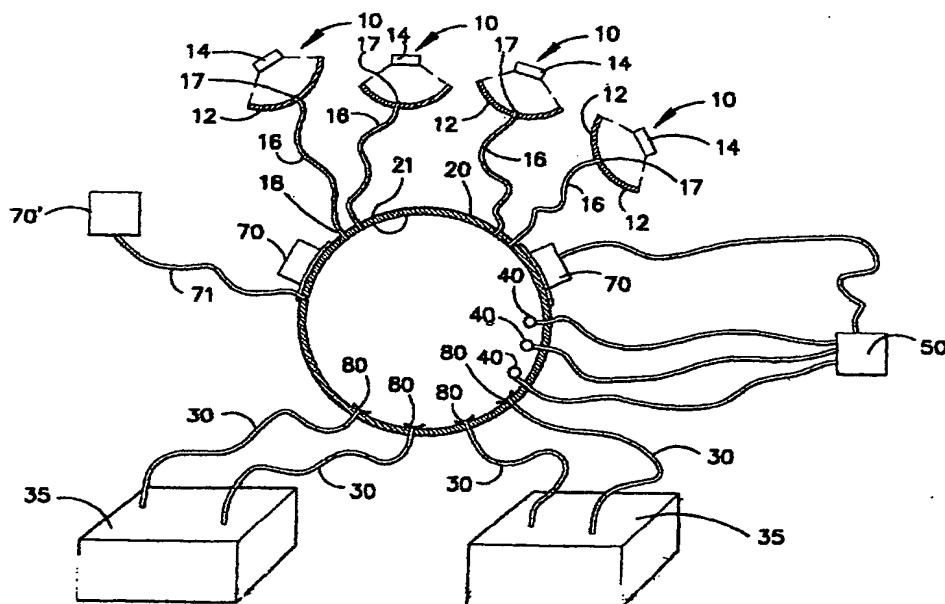
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(57) Abstract: A lighting system for a building having rooms (35) is disclosed which includes a plurality of light collectors (12, 14) for collecting ambient light, and a plurality of light guides (16) for conveying the light to a light accumulating vessel (20). The vessel (20) has an internal reflective surface (21). A plurality of second light guides (30) extend from the vessel (20) to the rooms (35) so that light which is collected in the vessel and which reflects in the vessel eventually finds its way to the light guides (34) supply to the rooms (35) to illuminate the rooms.